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OFF Docket No.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Group Art Unit: To be assigned

Ramstad et al.

Serial No.: 10/661,231

Examiner: To be assigned

Filed: September 12, 2003

For: LOADING FEATURES FOR CHANNEL

ARRAY

CERTIFICATE OF FACSIMILE TRANSMISSION

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april 7, 2004

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants submit herewith patents, publications or other information (listed on the attached Form PTO-1449) of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement:

- (a) [] accompanies a new patent application submitted herewith.
- (b) [] is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR §1.491.

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Page 2

- (c) [X] as far as is known to the undersigned, is filed before the mailing date of a first Office action on the merits.
- (d) [] as far as is known to the undersigned, is filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114.
- (e) [] is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final action under §1.113, a notice of allowance under §1.311, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR §1.17(p) or a certification as specified in 37 CFR §1.97(e), as checked below. Should any fee be due, the U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 01-2213 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement. Any deficiency or overpayment should be charged or credited to this deposit account. A duplicate of this sheet is enclosed.
- (f) [] is filed after the mailing date of either a final rejection or a notice of allowance, but on or before the payment of the issue fee, and is accompanied by the fee (\$180) set forth in 37 CFR §1.17(i)(1) and a certification as specified in 37 CFR §1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement. The U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 01-2213 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement. Any deficiency or overpayment should be charged or credited to this deposit account. A duplicate of this sheet is enclosed.

[If either of boxes (e) or (f) is checked above, the following "certification" under 37 CFR §1.97(e) may need to be completed.] The undersigned certifies that:

- [] Each item of information contained in the information disclosure statement was first cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- [] No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this information disclosure statement.

Page 3

A copy of the items on PTO/SB/08A that are not United States Patent Documents:

[X] are supplied herewith.

[] are not supplied because they were previously cited by or submitted to the Office in prior application Serial No. \_\_\_\_\_\_, filed \_\_\_\_\_\_ and relied upon in this application for an earlier filing date under 35 USC §120.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Date:

Phil N. Makeogian Reg. No. 47,766

Attorney for Applicants

Correspondence Address

Customer Number 22896 Applied Biosystems Division Applera Corporation 850 Lincoln Centre Drive Foster City, CA 94404 (650) 638-6492 (Phone) (650) 638-6677 (Fax) Please typ

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T	NFORMATION	DIS	CLOSURE	Filing Date	September 12, 2003	
1	STATEMENT BY APPLICANT			First Named Inventor	Ramstad, Paul	
3				Group Art Unit	TBA	
(Use as many sheets as necessary)			essary)	Examiner Name	TBA	
Sheet	1	of	2	Attorney Docket No.	4680	

Examiner Initials*	Cite No.1	U.S. Patent Document		Name of State of Stat	Date of Publication	Pages, Columns, Lines Where
		Number	Kind Code <sup>2</sup> (If known)	Name of Palentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
		4,911,807	<u> </u>	Burd, Samuel	03-27-1990	
		5,126,022		Soane, David	06-30-1992	
		5,164,064		Rand, Dill	11-17-1992	
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		2002/0006359		Mathies, Richard	01-17-2002	
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				FORE	IGN PATE	IT DOCUME	NTS		
	Cite		Foreign Patent Docum	Foreign Patent Document		Patentee or	Date of Publication		
	No.	Office <sup>3</sup>	Number <sup>4</sup>	(if known)	Applicant of 0	Cited Document	of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	τ°
-		JP	2000233027	A	Masaki,	Eshashi	08-29-2000		Х
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Substitute for form 1449A/PTO				Complete If Known		
			•	Application Number	10/661,231	
TN	FORMATTO	N DISC	CLOSURE	Filing Date	September 12, 2003	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Ramstad, Paul	
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	(Use as many sheets as necessary)			Examiner Name	TBA	
Sheet	2	of	2	Attorney Docket No. 4680		

OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*    City   Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the iter (book, magezine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publis city and/or country where published.							
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## **FAX TRANSMITTAL**

Date: A	April 7,	2004
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To: Commissioner for Patents

Company: U.S. Patent and Trademark Office

Fax No.: 703-872-9306

From: Cheri Gomez for Phil N. Makrogiannis, Reg. No. 47,766

Legal Department
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Telephone No.: 650-638-5039
Email: gomezcn@applera.com

Subject:

Information Disclosure Statement

U.S. Patent Application No. 10/661,231

Filing Date: September 12, 2003

In re Application of: RAMSTAD et al.

Title: LOADING FEATURES FOR CHANNEL ARRAY

Our File:

4680 US

No. of pages (including cover sheet): 9

## Message:

Attached is an Information Disclosure Statement for the above-identified patent application.

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 703-872-9306 on <u>April 7, 2004</u>.

Cheri Gomez Cheri Gomez Signature